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Approved For Release 2001/08/08 : CIA-RDP78-02820A000700030049-8

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**Trip Report - Contract (FD)XG-1323, Task Order 14**  
**Incorporated - DS-2 Systems**

- (d) He discussed the possibility of intensity modulating displayed signals in such a manner that any signal whose amplitude is greater than a pre-set threshold value would contrast sharply with the lower intensity level of noise presentation.
  - (e) He strongly recommended that an Office of Communications' representative, and preferably a technician who will later be involved in the installation and maintenance of the equipment, be present during part of the debugging, alignment, and testing phase scheduled for the month of January 1961.
  - (f) He has need for the loan of a representative VHF and S-band receiver to complete the electrical and mechanical design of the oscillator signal pick-up device for all three systems.

#### 4. The OC representatives agreed:

- (a) To investigate the possibility of loaning the contractor an S-band receiver with power supply.
  - (b) To investigate the possibility of loaning the contractor a VHF receiver of the type to be used with the VHF system.
  - (c) To loan the contractor an S-band filter for evaluation of its effectiveness in spurious response suppression.
  - (d) To assign an Office of Communications' representative to temporary duty at the contractor's plant for a period of one week during the month of January 1961 for familiarization with the systems.

5. The contractor's performance to date is judged satisfactory.

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### Distribution:

R+D Subject File  
R+D Lab  
SP/EA  
Monthly (2)  
EP Chrono

OC-E/R+D-EP:WJC:gpt (12 January 1961)

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